Ranking Tool Summary

for FY2009 - EQIP-Air Quality

(Draft)

Description:

EQIP-Air Quality program initiative to address ozone (8-hour) pollutants and associated volatile organic compounds (VOCs) identified in the EPA Nonattainment Area of Massachusetts. This area covers all counties except Suffolk, Norfolk and Nantucket. Approved conservation practices include: (1) Anaerobic digester, controlled temperature (366) and associated system practices (313, 317, 342, 634, 635, and 716); (2) Renewable Energy Production (716); (3) Atmospheric Resource Quality Management (370), greenhouse energy measures; and Irrigation Water Management (449), cranberry auto-start systems.

National Priorities:

Number	*Question*	*Points*
1	Will the treatment you intend to implement using EQIP result in a considerable reduction of non-point source pollution, such as nutrients, sediment, pesticides, excess salinity in impaired watersheds with total maximum daily loads (TMDLs) where available, groundwater contamination or point sources such as contamination from confined animal feeding operations?	1
2	Will the treatment you intend to implement for water conservation or irrigation efficiency using EQIP result in a considerable reduction in water use?	1
3	Will the treatment you intend to implement using EQIP result in a considerable reduction of emissions, such as particulate matter, nitrogen oxides (NOx), volatile organic compounds, and ozone precursors and depleters that contribute to air quality impairment violations of National Ambient Air Quality Standards?	100
4	Will the treatment you intend to implement using EQIP result in a considerable reduction in soil erosion and sedimentation from unacceptable levels on agricultural land?	1
5	Will the treatment you intend to implement using EQIP result in a considerable increase in the promotion of at-risk species habitat conservation?	1

6	Will the treatment that you intend to implement using EQIP result in considerable benefits to residue management, nutrient management, air quality management, invasive species management, pollinator habitat, and animal carcass management technology or pest management?	1
7	Will the treatment that you intend to implement using EQIP result in energy conservation benefits?	50
	Total Points	155

State Issues:

Question Number	*Question*	*Points*
1	REGIONAL PLANNING: The proposed project is part of a regional plan or effort.	25
2	ENERGY AUDIT: A recently completed energy audit and/or renewable energy assessment recommends this project.	25
3	SHOVEL READY: The planning and design phases of the project are or will be complete so that construction will occur in the first 12 months of the contract.	25
4	PROTECTED LANDS: The conservation practices support protected and/or conservation lands.	25
5	PROGRAM PARTICIPATION: The applicant is in good standing with all existing conservation program contracts.	25
6	RENEWABLE ENERGY: the applicant is serviced by a municipal utility company and/or does not fall within the area serviced by REAP.	25
7	RENEWABLE ENERGY: alternative energy production will offset 50% of the farm's current fossel fuel generated energy.	25
8	RENEWABLE ENERGY: alternative energy production will offset 50-75% of the farm's current fossel fuel generated energy.	50
9	RENEWABLE ENERGY: alternative energy production will offset 100-150% of the farm's current fossel fuel generated energy.	75
	Maximum Points: Total Points	300

Selected Resource Concerns and Practices:

Air Quality: Excessive Greenhouse Gas - CH4 (methane)
Anaerobic Digestor, Controlled Temp. (366)
Composting Facility (317)
Manure Transfer (634)
Renewable Energy Production (716)
Waste Storage Facility (313)
Air Quality: Excessive Greenhouse Gas - CO2 (carbon dioxide)
Anaerobic Digestor, Controlled Temp. (366)
Atmospheric Resource Quality Management (370)
Critical Area Planting (342)
Irrigation Water Management (449)
Renewable Energy Production (716)
Vegetated Treatment Area (635)
Air Quality: Excessive Greenhouse Gas - N2O (nitrous oxide)
Anaerobic Digestor, Controlled Temp. (366)
Atmospheric Resource Quality Management (370)
Irrigation Water Management (449)
Renewable Energy Production (716)
Air Quality: Excessive Ozone
Atmospheric Resource Quality Management (370)
Irrigation Water Management (449)
Renewable Energy Production (716)